



BIOH11005 *Introductory Anatomy and Physiology*

Term 2 - 2019

Profile information current as at 19/05/2022 09:45 pm

All details in this unit profile for BIOH11005 have been officially approved by CQUniversity and represent a learning partnership between the University and you (our student). The information will not be changed unless absolutely necessary and any change will be clearly indicated by an approved correction included in the profile.

General Information

Overview

Introductory Anatomy and Physiology is a foundation unit that provides an introduction to the structure and function of the human body. On successful completion of this unit, students will be able to identify and describe the basic anatomy of the major organs of the body and discuss the function of each organ system in general terms. Students will understand basic chemical concepts that relate to living organisms and will be able to explain the general features of cells, tissues and organs. Students will also be able to explain the role and general features of homeostasis in the body.

Details

Career Level: *Undergraduate*

Unit Level: *Level 1*

Credit Points: 6

Student Contribution Band: 8

Fraction of Full-Time Student Load: 0.125

Pre-requisites or Co-requisites

There are no requisites for this unit.

Important note: Students enrolled in a subsequent unit who failed their pre-requisite unit, should drop the subsequent unit before the census date or within 10 working days of Fail grade notification. Students who do not drop the unit in this timeframe cannot later drop the unit without academic and financial liability. See details in the [Assessment Policy and Procedure \(Higher Education Coursework\)](#).

Offerings For Term 2 - 2019

- Online
- Rockhampton

Attendance Requirements

All on-campus students are expected to attend scheduled classes - in some units, these classes are identified as a mandatory (pass/fail) component and attendance is compulsory. International students, on a student visa, must maintain a full time study load and meet both attendance and academic progress requirements in each study period (satisfactory attendance for International students is defined as maintaining at least an 80% attendance record).

Website

[This unit has a website, within the Moodle system, which is available two weeks before the start of term. It is important that you visit your Moodle site throughout the term. Please visit Moodle for more information.](#)

Class and Assessment Overview

Recommended Student Time Commitment

Each 6-credit Undergraduate unit at CQUniversity requires an overall time commitment of an average of 12.5 hours of study per week, making a total of 150 hours for the unit.

Class Timetable

[Regional Campuses](#)

Bundaberg, Cairns, Emerald, Gladstone, Mackay, Rockhampton, Townsville

[Metropolitan Campuses](#)

Adelaide, Brisbane, Melbourne, Perth, Sydney

Assessment Overview

1. **Online Quiz(zes)**

Weighting: 50%

2. **Examination**

Weighting: 50%

Assessment Grading

This is a graded unit: your overall grade will be calculated from the marks or grades for each assessment task, based on the relative weightings shown in the table above. You must obtain an overall mark for the unit of at least 50%, or an overall grade of 'pass' in order to pass the unit. If any 'pass/fail' tasks are shown in the table above they must also be completed successfully ('pass' grade). You must also meet any minimum mark requirements specified for a particular assessment task, as detailed in the 'assessment task' section (note that in some instances, the minimum mark for a task may be greater than 50%). Consult the [University's Grades and Results Policy](#) for more details of interim results and final grades.

CQUniversity Policies

All University policies are available on the [CQUniversity Policy site](#).

You may wish to view these policies:

- Grades and Results Policy
- Assessment Policy and Procedure (Higher Education Coursework)
- Review of Grade Procedure
- Student Academic Integrity Policy and Procedure
- Monitoring Academic Progress (MAP) Policy and Procedure – Domestic Students
- Monitoring Academic Progress (MAP) Policy and Procedure – International Students
- Student Refund and Credit Balance Policy and Procedure
- Student Feedback – Compliments and Complaints Policy and Procedure
- Information and Communications Technology Acceptable Use Policy and Procedure

This list is not an exhaustive list of all University policies. The full list of University policies are available on the [CQUniversity Policy site](#).

Previous Student Feedback

Feedback, Recommendations and Responses

Every unit is reviewed for enhancement each year. At the most recent review, the following staff and student feedback items were identified and recommendations were made.

Feedback from Have your say feedback

Feedback

Provision of a word document version of the tutorial workbook in addition to the pdf file posted in Moodle.

Recommendation

Provide a word version of the tutorial workbook to students in Moodle.

Feedback from Have your say feedback

Feedback

Availability of summative quizzes throughout term appreciated.

Recommendation

Continue availability of progress quizzes throughout the term to allow more flexible learning environment.

Feedback from Have your say feedback

Feedback

Well-structured unit with various learning resources.

Recommendation

Continue delivery of unit in a similar structured format and provision of multiple learning resources.

Feedback from Have your say feedback

Feedback

Some of the lectures are complex and extensive in scope.

Recommendation

Continue updating and chunking the lecture materials into short 15 to 20-minute lectures to assist students in understanding and learning the content of the unit.

Unit Learning Outcomes

On successful completion of this unit, you will be able to:

1. Describe the structural levels of organisation of the human body and the relationship that exists between them.
2. Explain the principles of homeostasis in maintaining a stable internal environment.
3. Describe the organisation, structure and function of cells, principal tissues and organs of the major body systems.
4. Correctly use anatomical terminology and be able to name and describe anatomical structures and their functions.

Alignment of Learning Outcomes, Assessment and Graduate Attributes

 N/A Level Introductory Level Intermediate Level Graduate Level Professional Level Advanced Level

Alignment of Assessment Tasks to Learning Outcomes

Assessment Tasks	Learning Outcomes			
	1	2	3	4

Assessment Tasks	Learning Outcomes			
	1	2	3	4
1 - Online Quiz(zes) - 50%	•	•	•	•
2 - Examination - 50%	•	•	•	•

Alignment of Graduate Attributes to Learning Outcomes

Graduate Attributes	Learning Outcomes			
	1	2	3	4
1 - Communication	•	•	•	•
2 - Problem Solving	•	•	•	•
3 - Critical Thinking	•	•	•	•
4 - Information Literacy	•	•	•	•
5 - Team Work				
6 - Information Technology Competence	•	•	•	
7 - Cross Cultural Competence				
8 - Ethical practice				
9 - Social Innovation				
10 - Aboriginal and Torres Strait Islander Cultures				

Alignment of Assessment Tasks to Graduate Attributes

Assessment Tasks	Graduate Attributes									
	1	2	3	4	5	6	7	8	9	10
1 - Online Quiz(zes) - 50%	•	•	•	•		•				
2 - Examination - 50%	•	•	•							

Textbooks and Resources

Textbooks

BIOH11005

Prescribed

Essentials of Human Anatomy & Physiology

Edition: 12th (2017)

Authors: Elaine N. Marieb & Suzanne M. Keller

Pearson Education Limited

Essex, England

ISBN: 1292216115

Binding: Paperback

Additional Textbook Information

The ISBN listed is for the paper copy available through the CQUni Bookshop here: <http://bookshop.cqu.edu.au> (search on the Unit code)

Or alternatively, students can purchase an ebook copy directly from the Pearson website here:

<http://www.pearson.com.au/9781292216263>

[View textbooks at the CQUniversity Bookshop](#)

IT Resources

You will need access to the following IT resources:

- CQUniversity Student Email
- Internet
- Unit Website (Moodle)

Referencing Style

All submissions for this unit must use the referencing style: [American Psychological Association 6th Edition \(APA 6th edition\)](#)

For further information, see the Assessment Tasks.

Teaching Contacts

Romeo Batacan Unit Coordinator

r.j.batacan@cqu.edu.au

Schedule

Week 1 - 15 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Introduction to the Unit	Chapter 1 Pages 27-28	ALL Progress Quizzes open on Week 1, Monday, 09:00 AM AEST and close on Review/Exam Week, Monday, 09:00 AM AEST.
Levels of Structural Organisation	Chapter 1 Pages 28-45	
Homeostasis	Chapter 1 Pages 45-46	
Basic Chemistry (a)	Chapter 2 Pages 50-64, 77-78	

Week 2 - 22 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
Basic Chemistry (b)	Chapter 2 Pages 64-81	
Cell Structure - Plasma Membrane	Chapter 3 Pages 88-92	

Week 3 - 29 Jul 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Membrane Transport	Chapter 3 Pages 102-108
Cell Organelles	Chapter 3 Pages 93-102
Body Tissues (a)	Chapter 3 Pages 114-119

Week 4 - 05 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Body Tissues (b) Skeletal System: Bones	Chapter 3 and 4 Pages 119-127, 135-138 Chapter 5 Pages 160-172	

Week 5 - 12 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Skeletal System: Joints (Articulations) Muscular System	Chapter 5 Pages 192-199 Chapter 6 Pages 207-229	

Vacation Week - 19 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Study break		

Week 6 - 26 Aug 2019

Module/Topic	Chapter	Events and Submissions/Topic
Integumentary System Nervous System	Chapter 4 Pages 138-145 Chapter 7 Pages 251-265, 281-285	

Week 7 - 02 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Endocrine System	Chapter 9 Pages 334-335, 338-353	

Week 8 - 09 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Blood Cardiovascular System: The Heart Cardiovascular System: Blood Vessels	Chapter 10 Pages 363-374 Chapter 11 Pages 382-390, 415-416 Chapter 11 Pages 396-406	

Week 9 - 16 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Lymphatic System Respiratory System	Chapter 12 Pages 424-429 Chapter 13 Pages 462-473, 475-478	

Week 10 - 23 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Digestive System	Chapter 14 Pages 489-513	

Week 11 - 30 Sep 2019

Module/Topic	Chapter	Events and Submissions/Topic
Urinary System	Chapter 15 Pages 537-550, 557-561	

Week 12 - 07 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Reproductive System Pregnancy	Chapter 16 Pages 564-569, 573-577 Chapter 16 Pages 583-593	

Review/Exam Week - 14 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
Exam Preparation		<p>ALL Progress Quizzes close on Review/Exam Week, Monday (14 October 2019), 09:00 AM AEST.</p> <p>Progress Quizzes Due: Review/Exam Week Monday (14 Oct 2019) 9:00 am AEST</p>

Exam Week - 21 Oct 2019

Module/Topic	Chapter	Events and Submissions/Topic
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Term Specific Information

The Unit Coordinator is Dr. Romeo Batacan Jr (r.j.batacan@cqu.edu.au; tel: 0749309278).

The lectures of Week 1, 6, 7, 9, 10 and 12 are pre-recorded lectures of Dr. Romeo Batacan Jr. Dr. Batacan is a medical doctor (MD) who later completed a PhD in Biomedical Science.

The lectures of Week 2, 3, 4, 5, 8 and 11 are pre-recorded lectures of Mr. William Deasy. Mr. Deasy is a microbiologist and he is in the final stages of completing a PhD in Medical Physiology.

The live tutorials are delivered by Dr. Romeo Batacan Jr.

The forums on the Moodle site are checked by Dr. Romeo Batacan Jr.

Assessment Tasks

1 Progress Quizzes

Assessment Type

Online Quiz(zes)

Task Description

An understanding of human anatomy and physiology is essential in many health professions. The fundamentals of this knowledge must be learnt and understood. The knowledge and concepts taught in this unit have been identified by various health professions as relevant to your future scope of practice. Completion of progress quizzes will assess your understanding of this knowledge and concepts.

1. There will be four separate progress quizzes to assess your knowledge of the unit material.
2. Each progress quiz will have 30 questions.
3. All progress quizzes will open on Week 1 Monday at 09:00am and will close on Review/Exam Week Monday at 09:00am.
4. You will be allowed three attempts at each quiz. It is not compulsory to attempt the quiz three times. The attempt where you achieved the highest grade will serve as your final score for that quiz.
5. There is a 24-hour time restriction between attempts.
6. Your score from each progress quiz will contribute 12.5% to your final grade (4 quizzes X 12.5%= 50%).
7. In the absence of an approved extension, there will be no opportunity to complete the quiz after the due date.

Quiz Number	Topic examined	Time / date the quiz opens	Time / date the quiz closes
1	Week 1, 2, 3	Week 1 Monday 9:00am (AEST)	Review/Exam Week Monday 09:00am (AEST)
2	Week 4, 5, 6	Week 1 Monday 9:00am (AEST)	Review/Exam Week Monday 09:00am (AEST)
3	Week 7, 8, 9	Week 1 Monday 9:00am (AEST)	Review/Exam Week Monday 09:00am (AEST)
4	Week 10, 11, 12	Week 1 Monday 9:00am (AEST)	Review/Exam Week Monday 09:00am (AEST)

Number of Quizzes

4

Frequency of Quizzes

Other

Assessment Due Date

Review/Exam Week Monday (14 Oct 2019) 9:00 am AEST

Review/Exam Week Monday (14 October 2019) 09:00am AEST

Return Date to Students

Marks will be available upon completing the assessment task.

Weighting

50%

Minimum mark or grade

50%

Assessment Criteria

Questions will be automatically marked correct or incorrect. The maximum score (120) that can be accumulated from

the four online quizzes equals 50% of the total marks. The 50% minimum mark requirement is on the cumulative score of all four quizzes.

Referencing Style

- [American Psychological Association 6th Edition \(APA 6th edition\)](#)

Submission

Online

Submission Instructions

Quizzes will be completed online through the unit Moodle site.

Learning Outcomes Assessed

- Describe the structural levels of organisation of the human body and the relationship that exists between them.
- Explain the principles of homeostasis in maintaining a stable internal environment.
- Describe the organisation, structure and function of cells, principal tissues and organs of the major body systems.
- Correctly use anatomical terminology and be able to name and describe anatomical structures and their functions.

Graduate Attributes

- Communication
- Problem Solving
- Critical Thinking
- Information Literacy
- Information Technology Competence

Examination

Outline

Complete an invigilated examination

Date

During the examination period, at a CQUniversity examination centre

Weighting

50%

Length

180 minutes

Minimum mark or grade

50%

Details

Dictionary - non-electronic, concise, direct translation only (dictionary must not contain any notes or comments).

Closed Book

Academic Integrity Statement

As a CQUniversity student you are expected to act honestly in all aspects of your academic work.

Any assessable work undertaken or submitted for review or assessment must be your own work. Assessable work is any type of work you do to meet the assessment requirements in the unit, including draft work submitted for review and feedback and final work to be assessed.

When you use the ideas, words or data of others in your assessment, you must thoroughly and clearly acknowledge the source of this information by using the correct referencing style for your unit. Using others' work without proper acknowledgement may be considered a form of intellectual dishonesty.

Participating honestly, respectfully, responsibly, and fairly in your university study ensures the CQUniversity qualification you earn will be valued as a true indication of your individual academic achievement and will continue to receive the respect and recognition it deserves.

As a student, you are responsible for reading and following CQUniversity's policies, including the [Student Academic Integrity Policy and Procedure](#). This policy sets out CQUniversity's expectations of you to act with integrity, examples of academic integrity breaches to avoid, the processes used to address alleged breaches of academic integrity, and potential penalties.

What is a breach of academic integrity?

A breach of academic integrity includes but is not limited to plagiarism, self-plagiarism, collusion, cheating, contract cheating, and academic misconduct. The Student Academic Integrity Policy and Procedure defines what these terms mean and gives examples.

Why is academic integrity important?

A breach of academic integrity may result in one or more penalties, including suspension or even expulsion from the University. It can also have negative implications for student visas and future enrolment at CQUniversity or elsewhere. Students who engage in contract cheating also risk being blackmailed by contract cheating services.

Where can I get assistance?

For academic advice and guidance, the [Academic Learning Centre \(ALC\)](#) can support you in becoming confident in completing assessments with integrity and of high standard.

What can you do to act with integrity?



Be Honest

If your assessment task is done by someone else, it would be dishonest of you to claim it as your own



Seek Help

If you are not sure about how to cite or reference in essays, reports etc, then seek help from your lecturer, the library or the Academic Learning Centre (ALC)



Produce Original Work

Originality comes from your ability to read widely, think critically, and apply your gained knowledge to address a question or problem